

ABSTRACT OF THE DISCLOSURE

[153] An approach is provided for multicasting of a list of network addresses that are pre-loaded into caches of the terminals. The list can be generated based on popularity of the domain names, by tracking, for example, hit counts. A predetermined number of the domain names are selected for multicast to the terminals over, for example, a fixed, low bit rate. Upon receipt of the multicast of the list, the domain names are loaded into the terminal's cache in advance of any request by a host to access a device associated with the pre-loaded domain names. This approach has particular applicability in relatively high latency networks, such as a satellite communications system.